Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 19 Dec 2023 until 23:59 on Wednesday 20 Dec 2023

Forecast Issued on Tuesday 19 Dec 2023 at 03:33

Confidence: High confidence for an unsettled and windy week.

Headline for Tuesday 19 Dec 2023: Early rain clearing to sunshine and blustery showers.

Mountain weather hazards on Tuesday 19 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Sleet	Sleet
Precipitation probability					
40%	10%	20%	30%	40%	60%

Forecast for Tuesday 19 Dec 2023

Weather: Cloudy with outbreaks of generally light rain at first, becoming dry and bright by dawn. Staying dry and fine through the morning and for the first part of the afternoon but scattered showers feeding in from the north at times later.

Chance of cloud-free hill tops above 600m: 20-30% at first, improving to 90% by dawn

Low Cloud and visibility: Scattered or broken low cloud base 500-700m at first, soon clearing. Few or scattered cloud base 700-800m in association with showers. Visibility moderate at times in rain or showers, otherwise good.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Tuesday 19 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/19 W	18/25 W	22/30 W	26/36 W	25/35 W	24/34 W	28/39 W
300	9/20 W	9/22 W	14/30 W	16/34 W	17/36 W	14/32 W	18/37 W
Valley	6/16 W	6/20 W	9/23 W	12/27 W	11/27 W	11/28 W	14/32 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/0	3/-3	2/-4	2/-4	2/-5	2/-5	2/-5
300	7/4	5/2	5/1	5/0	4/-1	4/-0	5/-0
Valley	8/6	6/4	7/4	6/3	6/2	6/2	6/2
Freezing Level*	1300m	800m	900m	800m	800m	800m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Feeling very cold at height, be prepared with appropriate layers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 19 Dec 2023	8.4mm	17mm	18.2mm

Forecast for Wednesday 20 Dec 2023

Weather: There will be frequent heavy showers during the early hours of Wednesday before a band of rain arrives from the west by morning, this generally light but lingers throughout the day. Very windy throughout.

Maximum wind: Westerly 35-40mph, gusting 45-50mph

Chance of cloud-free hill tops above 600m: 20-30%

Low Cloud and visibility: Scattered or broken cloud base 500-700m. Visibility moderate in rain or showers, poor in hill fog.

Temperature: **Valleys:** Plus 7 rising to plus 10 Celsius
At 600m: Plus 3 rising to plus 6 Celsius
Freezing level: 1000m soon rising well above summits

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